

Message Text

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ORIGIN PM-03

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DRAFTED BY DOD/DMA/SCHWIMMER;PM/ISO:FJFLEMIN

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OSD/ISA/FMRA:MR. GOLDSMITH

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R 011620Z APR 75

FM SECSTATE WASHDC

TO AMEMBASSY OTTAWA

INFO DMA WASHDC

S E C R E T STATE 072955

E.O. 11652: GDS

TAGS: MILI, OCLR, TGEN, CA

SUBJECT: GEOPHYSICAL SURVEY IN THE STRAITS OF JUAN DE FUCA

1. DOD PROPOSES TO CONDUCT A SHIPBOARD GRAVITY SURVEY IN CANADIAN WATERS LOCATED IN THE STRAITS OF JUAN DE FUCA, HARO AND GEORGIA. THE PURPOSE OF THE SURVEY IS TO PROVIDE GEOPHYSICAL INFORMATION TO SUPPORT FUTURE SHIP'S INERTIAL NAVIGATION SYSTEMS, SUCH AS MIGHT BE EMPLOYED ON TRIDENT SUBMARINES. EMBASSY IS REQUESTED TO SEEK APPROPRIATE GOC CLEARANCE FOR SURVEY PROJECT, AS DESCRIBED BELOW.

2. THE DOD REQUIREMENT CONSISTS OF SOME 427 UNDERWATER GRAVITY STATIONS, 64 OF WHICH ARE IN CANADIAN WATERS. DOD IS CURRENTLY WORKING ON THE US SIDE OF THE STRAITS, AND WISHES TO CONTINUE SURVEYS WITHIN CANADIAN WATERS IN

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APPROXIMATELY THIRTY (30) DAYS (FOLLOWING COMPLETION

OF WORK IN US WATERS). SURVEY REQUIREMENTS CALL FOR ACCESS TO CANADIAN TERRITORIAL WATERS ONLY. LANDING ON CANADIAN SHORES WILL ONLY BE DONE IN CASE OF AN EMERGENCY.

3. DOD IS PERFORMING THESE SURVEYS WITH THE R/V SONAR BELLE, A US FLAG SHIP OWNED BY JACOBSON BROTHERS, INC. 5355 28TH AVENUE, N.W., SEATTLE, WASHINGTON, 98107, UNDER

LEASE TO THE DEFENSE MAPPING AGENCY TOPOGRAPHIC CENTER. THE SONAR BELLE IS A RESEARCH VESSEL 105 FEET IN LENGTH, A DRAFT OF 10 FEET, AND DISPLACING OF 192 GROSS TONS. THE SHIP IS EQUIPPED WITH A WINCH FOR UNDERWATER GRAVITY OPERATIONS.

4. THE UNDERWATER GRAVITY STATIONS WILL BE OBSERVED WITH A LASCOSTE AND ROMBERG UNDERWATER GRAVIMETER. NAVIGATION WILL BE PROVIDED BY A CUBIC CORPORATION AUTOTAPE SYSTEM MODEL 40. THE ACCURACY OF THE AUTOTAPE POSITIONS WILL BE PLUS MINUS 5 METERS. ALL SHORE STATIONS WILL BE LOCATED ON US TERRITORY.

5. ALL DATA OBTAINED IN THE STRAITS OF GEORGIA, HARO AND JUAN DE FUCA WILL BE UNCLASSIFIED AND AVAILABLE TO THE GOC. TECHNICAL ASPECTS OF THIS PROGRAM HAVE BEEN DISCUSSED WITH THE DIRECTOR OF CARTOGRAPHY, NATIONAL DEFENSE HEADQUARTERS, CANADA. EMBASSY MAY WISH TO CONTACT DIRECTOR (COL. PRESTON) FOR ASSISTANCE IN ARRANGING CLEARANCES. KISSINGER

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